ABSTRACT OF THE DISCLOSURE

In an optical disc apparatus, a minimum jitter value is established from each jitter value measured in correspondence to a successively changed servo constant, and multiplied by a prescribed ratio so as to set a jitter threshold value. Servo constants corresponding to at least two jitter values substantially equal to the jitter threshold value is established, and an optimum servo constant is set based on this minimum of two servo constants. By doing this, it is possible to quickly and accurately detect the optimum servo constant, and achieve good servo adjustment.